



**National
Aeronautical
Laboratory**

Documentation Sheet

Document Classification

UNRESTRICTED

Title : **ADVANCED CERAMICS - APPLICATION
PROSPECTS IN ENGINES**

Document No.

PD PR 9312

Date of issue: **May 93**

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Division : **PROPULSION DIVISION**

No. of copies: **20**

External :
participation

NAL Project No.

Sponsor : **In-house**

Sponsor's Project No.

Approval : **Head, Propulsion Division**

Remarks :

Keywords : **Engineering ceramics, ceramic engine,
ceramic gas turbine**

Abstract :

The material requirements for various key components of aircraft power plants has been analysed. The advantages of and disadvantages of ceramics for these components has been highlighted. A brief review of the applications of ceramics to engine components already successfully demonstrated has been presented. Components which have potential for fabrication in Ceramics are identified.